

ABSTRACT OF THE DISCLOSURE

In a ratchet type tensioner comprising a housing, a plunger slidable in, and protruding from, the housing, and biased in a protruding direction, a ratchet mechanism comprising a rack formed on a side surface of the plunger, and a pawl provided on the housing and engageable with the rack to prevent the return movement of the plunger, the pawl is composed of a sintered alloy having a density of at least 7.2 g/cm^3 . The sintered alloy is formed by warm molding, high temperature sintering, recompression, or combinations thereof, and preferably contains a total of 0.5 to 8 weight % of at least one element from the group consisting of Nickel, Copper and Molybdenum. The balance of the composition of the sintered alloy consists of Iron and impurities. The invention provides a ratchet type tensioner having a high strength and excellent wear resistance at a low cost.